



Research Park at Florida Atlantic University® Application

The mission of the Research Park at FAU is to promote scientific research and development in affiliation with Florida Atlantic University, to foster economic development and broaden the economic base of Broward and Palm Beach counties.

The Research Park at FAU seeks to accomplish this mission by facilitating collaborations between innovative companies and the faculty and students at Florida Atlantic University that can enable the creation of new knowledge, technologies, and products. In the process, internship and employment opportunities are created for the students at Florida Atlantic University, as well as the residents of Palm Beach and Broward counties.

In this way, the Research Park at FAU can help advance technology-based economic development through innovation, R&D, and workforce development. Therefore, companies seeking residency in the Research Park at FAU should demonstrate as many meaningful linkages with FAU as possible.

Company Name:	Malema Engineering Corporation	Primary Contact:	Bob Lauson	
Proposed Premises:	3231 NW 7th Ave, Boca Raton, FL 33431	Current Address:	1060 S Rogers Circle, Boca Raton, FL 33487	
Primary Business Description: <i>500-word limit</i>	Malema is a prominent provider of precision flow measurement and control instruments designed specifically for demanding applications. Our expertise lies in delivering high-purity solutions for abrasive slurries, surfactants, and corrosive chemicals, catering to critical industries such as semiconductor, biopharma, and general industrial sectors. With a robust Research and Development program and a portfolio of key patents in flow measurement and control technologies,	Proposed Use for Research Park Premises: <i>Check all that apply</i>	HQ	X
			Satellite	
			Clinical site	
			Manufacturing	X
			Distribution	
			R&D	X
	Other (describe)			

	<p>Malema is committed to innovation. Our dedicated team of professionals operates from three global sites equipped with ISO Class VI certified cleanrooms, ensuring the highest standards of product quality and reliability.</p> <p>Malema Engineering was acquired by Dover Corporation in July 2022.</p>		
No. Current Locations:	3	Company Principals:	Amit Agarwal, Jeffrey Yehle, Karl Buscher, Daniel Curcio, Sejal Patel, Wayne Eck, Lee Charlson
Website:	www.psgdover.com/malema/	Date of Incorporation:	April 1, 1981
Are you currently engaged in any research activities with FAU? If so, please describe, including the name of your collaborator and area of interest.	No		
Indicate which college or unit you propose to engage with:	College of Engineering and Computer Science		
<ol style="list-style-type: none"> 1. College of Arts and Letters 2. College of Business 3. College of Social Work & Criminal Justice 4. College of Education 5. College of Engineering and Computer Science 6. Honors College 7. College of Medicine 8. College of Nursing 9. College of Science 10. FAU Athletics 11. Other unit (please list) 			
Describe the kind of collaboration/interactions are you seeking, and are prepared to commit to*:			
<p>Malema has various design and development activities underway throughout the year which may be aided by engineering students from time to time although these projects do not generally require outside engineering support. Malema will endeavor to review the projects and look for opportunities to work with students but cannot commit to it. Additionally, Malema has historically hired part time/contract labor for assembly, test, and calibration of flow meters and flow controllers and would be happy to consider engineering students for these roles as they become available. Malema would also</p>			

be interested in exploring FAU's facilities and capabilities with respect to flow sensor technology and testing.

How many paid internships will you commit to creating each year: [Malema will be happy to consider FAU engineering students as needs arise in engineering as well as operations \(assembly, test and calibration\) but cannot commit to a specific number each year.](#)

To be completed by FARDA staff:

VPR endorsement:

YES / NO

Other endorsements, if any:

*These interactions may be in, but are not limited to, the following areas of:

1. Workforce Development

Annual undergraduate student internships (specific number, if possible)

Annual graduate student internships (specific number, if possible)

Co-hiring or co-sponsoring graduate students' salaries and/or work

Corporate post-doctoral training programs

Co-hiring employees / employees working as adjunct faculty

2. Joint research activities (specify areas of interest)

SBIR subcontracts

STTR grants

Joint sponsored research via grant or contract work

Clinical trials

Clinical research

Work for hire projects

Joint submission of academic manuscripts for publication

Membership in an Industry/University Cooperative Research Center, such as the Center for Advanced Knowledge Enablement (CAKE)

3. Technology

Access to [FAU core facilities](#), technology or unique research infrastructure which can be accessed on a collaborative or charge basis

Use of company equipment and facilities for student practicum or faculty research

Florida Statute 159.27(2) defines a research and development park as:

... a center of research and development activity related to the research and development activities of one or more affiliated institutions of higher education, including scientifically oriented production or educational programs of postsecondary educational institutions, consisting of research and development facilities; scientifically oriented production or assembly facilities; research institutes; prototype, scientific, and product testing laboratories; related business and government installations; or similar related facilities, together with land, including all necessary appurtenances, rights, and franchises directly relating thereto, with related buildings, facilities, and personal properties, but only to the extent that such facilities are engaged in research and development, are necessary to encourage or complement the purposes of a research and development park, or are in support of any facilities or improvements located or constructed at such a center or activities or operations conducted at such a center for purposes authorized by this subsection. For purposes of this subsection, the administering or taking of professional or occupational licensing examinations shall not constitute testing, nor shall any room, building, or facility in which such examinations are administered or taken constitute a testing laboratory.